

That Makes Cents

Aim

Use the LED panel on the micro:Bit or the Kitronik ZIP tile to create a logo (or recreate an existing brand logo or emoji!)

Why bother?

Advertising is a big business, worth

£120,000,000,000

in the U.K. alone.

Designing a logo that can be easily displayed and easily remembered is a big challenge.



image credit: Wikimedia

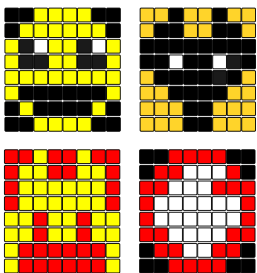
Having fewer pixels to display makes your ad cheaper!

*source: <https://www.thecreativeindustries.co.uk/industries/advertising-facts-and-figures/how-advertising-fuels-the-economy>

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Hints and Tips

You have an 8 x 8 grid on the ZIP tile - that's 64 pixels. You will have to keep things simple.



Writing code for each pixel will take a long time but give you the most control.

```
on start
  set tileDisplay to Horizontal Tiles: 1 Vertical Tiles: 1 uBit location: Hidden

forever
  tileDisplay set matrix color at x 3 y 2 to red
  tileDisplay set matrix color at x 3 y 3 to red
  tileDisplay set matrix color at x 5 y 2 to red
  tileDisplay set matrix color at x 5 y 3 to red
  tileDisplay set matrix color at x 1 y 4 to red
  tileDisplay set matrix color at x 2 y 5 to red
  tileDisplay set matrix color at x 3 y 6 to red
  tileDisplay set matrix color at x 4 y 6 to red
  tileDisplay set matrix color at x 5 y 6 to red
  tileDisplay set matrix color at x 6 y 5 to red
  tileDisplay set matrix color at x 7 y 4 to red
  tileDisplay show
```

